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Customer No.: 31561
Docket No.: 12304-US-PA
Application No.: 10/708,875REMARKSPresent Status of the Application

Claims 6, 9, 12-18 are pending in the application.

Claims 6 and 9 are allowed, and claim 16 is objected but allowable if rewritten into independent form.

Claims 12-15 and 17-18 are rejected, in which claims 12, and 17-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al., (US 5,990,978) in view of Kim et al., US 6,822,691 and Parikh US 6,414,719 (Fig. 3), and claims 13-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al., (US 5,990,978) in view of Kim et al., US 6,822,691, and Parikh US 6,414,719, and AAPA.

Discussion of Office Action Rejections

Claims 12, and 17-18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al., (US 5,990,978) in view of Kim et al., US 6,822,691 and Parikh US 6,414,719 (Fig. 3).

As submitted in the previous reply dated July, 10, 2007, Applicants believe that none of the cited references has taught, disclosed, or suggested "sampling a composite video signal to obtain a sampled data $F_{m+1}P_{x,y}$, wherein $F_{m+1}P_{x,y}$ represents a sampled data of a y^{th} pixel on an x^{th} line of an $(m+1)^{\text{th}}$ frame in the composite video signal, and m, x, y are positive integers greater than or equal to 0; and obtaining three stored sampled data $F_mP_{x,y}$, $F_{m-1}P_{x,y}$, $F_{m-2}P_{x,y}$, previously sequentially sampled directly from the composite video signal and stored in a storing means" which is new and untaught by all of the cited references.

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In the current Office Action, the Examiner rebutted the argument and contended: "Initially it is noted the base reference Kim (US 5,990,978) discloses the concept of motion detection prior to Y/C separation, thus the argument is moot".

Applicants respectfully disagree, and the Examiner erred in interpretation of the Kim '978 reference. Kim '978 teaches: "Referring to Fig. 1, the device according to the present invention includes an analog-to-digital (A/D) converter 1 for **converting an analog composite video signal CVBS into a digital signal**, and frame memories 2 and 3 for temporarily storing an (N-1)-th frame and an N-th frame of the digital composite video signal outputted from the A/D converter 1, respectively" (Emphasis added). Please note that Kim samples the signal/detection motion after converting the analog composite video signals into digital signals, as such the sampling is not directly from the composited video signals as alleged by the Examiner.

In such a manner, the recited limitation of "sequentially sampled directly from the composite video signal", sufficiently distinguishes the claimed invention from Kim '978, or any of the other cited references, taken alone or in combination.

Claim 12, and its dependent claims 17-18 are then submitted to be novel and unobvious over the Kim '978, Kim '691, and Parikh '719, and thus should be allowed.

Claims 13-15 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kim et al., (US 5,990,978) in view of Kim et al., US 6,822,691, and Parikh US 6,414,719, and AAPA.

In response thereto, Applicants submit that claims 13-15 depend on allowable

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independent claim 12, and thus should also be allowed.

Claims 6 and 9 are allowed, and claim 16 is objected but allowable if rewritten into independent form.

Claims 6, 9 and 16 remain unchanged from their allowable forms, while claim 12 upon which claim 16 depends is now allowable, the allowance to which should be maintained.

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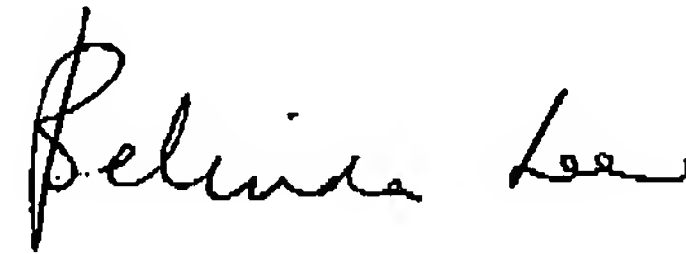
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Application No.: 10/708,875CONCLUSION

For at least the foregoing reasons, it is believed that the pending claims 6, 9, 12-18 are in proper condition for allowance and an action to such effect is earnestly solicited. If the Examiner believes that a telephone conference would expedite the examination of the above-identified patent application, the Examiner is invited to call the undersigned.

Date :

Nov 26, 2007

Respectfully submitted,



Belinda Lee

Registration No.: 46,863

Jianq Chyun Intellectual Property Office

7th Floor-1, No. 100

Roosevelt Road, Section 2

Taipei, 100

Taiwan

Tel: 011-886-2-2369-2800

Fax: 011-886-2-2369-7233

Email: belinda@jcipgroup.com.twUsa@jcipgroup.com.tw